

Zottarella packaging saves fossil raw materials with Ultramid® Ccycled™.



“What is special about the pilot project is that chemically recycled raw materials were used in the production of both components of the packaging - i.e. polyamide and polyethylene are made from chemically recycled material,” explains Maurits van Tol, Borealis Senior Vice President Innovation, Technology & Circular Economy Solutions. “This innovative solution was made possible by the selection of the special polymers. In addition, with the cooperation, it was possible for the first time to certify step by step from raw material to the packaging.”

The raw materials for the polyamide and polyethylene were produced in small quantities as part of the „ChemCycling“ project. This involved the use of pyrolysis oil supplied by a partner and obtained from plastic waste as a raw material in BASF’s Verbund production in Ludwigshafen. The 100 percent recycled content of both plastics was calculated using the certified mass balance approach.

Saving fossil raw materials

To make its packaging even more environmentally friendly, Zott uses a new, innovative film pouch for its Zottarella balls and rolls. Two thirds of recycled plastics are used in the production of the bags. This saves fossil resources.

More information you find online:



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New packaging design, more sustainability: Zottarella, the premium mozzarella from Zott has been available since May 2020 in a new more **resource-saving packaging**. For the bags of Zottarella 125g and 250g rolls, **less fossil raw materials** are used than before. This is made possible by a **new recycling process**.



Until now, plastics have been produced primarily with fossil raw materials such as crude oil. In **chemical recycling, some of these fossil raw materials are replaced by recycled raw materials**. For this purpose, **plastic waste is converted into a secondary raw material**. This is fed in at the beginning of the value chain. The proportion of recycled raw materials is attributed to the certified plastics manufactured in the production network using a **mass balance approach**. These products have the same properties as conventional ones. They are suitable for food applications.

